Nikhil Jagtap

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TECHNICAL SKILLS

- **Languages**: Java, JavaScript, SQL, Python, HTML5, CSS
- **Frameworks**: Node.js, React, Express.js, Tailwind
- **Databases**: MySQL, MongoDB
- **Other**: Git, Linux, Postman
- **Core**: OS, DBMS, OOPs

EDUCATION

Bachelor of Engineering in Computer Science   July 2021 - June 2025
Parvatibai Genba Moze College of Engineering   *Pune, Maharashtra*
  - CGPA: 8.10/10

Higher Secondary Education (Class XII)   May 2019 - March 2021
Kilachand Kanishth Mahavidyalaya, Nira   *Maharashtra*
  - Percentage: 85%

Secondary Education (Class X)   June 2018 - March 2019
Mahatma Gandhi Vidyalaya, Nira   *Maharashtra*
  - Percentage: 88%

PROJECTS

Dynamic Course Recommendation Platform | *Link*
  - Developed a personalized course recommendation platform using the MERN stack, integrating dynamic filtering based on user interests, performance, and learning history.
  - Implemented secure user authentication with JWT and created role-based dashboards for learners and instructors using React and Node.js.
  - Designed responsive UI and real-time progress tracking with MongoDB aggregation and RESTful APIs for a seamless learning experience.
  - Optimized MongoDB queries for the video catalog, improving search and filtering performance by **50%** through efficient indexing and query structuring.

Smart Laundry Service Web App Using MERN Stack | *Code*
  - Built a full-featured online laundry management system using the MERN stack, enabling users to schedule pickups, track orders, and make secure payments.
  - Implemented admin and user dashboards with order status tracking, service management, and real-time updates using React and MongoDB.
  - Integrated secure authentication with JWT and optimized backend APIs for smooth order processing and data handling with Node.js and Express.

Real-Time Chat Application with React, Node.js, and ChatEngine.io Integration | *Code*
  - Developed a real-time chat application using React, integrating ChatEngine.io for seamless communication and achieving an average message delivery time of **under 100ms**.
  - Built a Node.js backend to manage API integration and facilitate data exchange between the client and ChatEngine.io services.
  - Enabled multimedia support (images, files, attachments) within the chat interface, enhancing the overall user experience.

CERTIFICATIONS

IBM Full Stack Software Developer Professional Certificate   2024
Link

JP Morgan Software Engineering Job Simulation Certificate   2024
Link

Postman API Fundamentals Student Expert   2024
Link